

*SS #14 B (Ne)*  
*6/20/03*

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Shipman

Application No.: 09/786,105

Filed: 26 February 2001

Title: Method and kit for the characterization  
of antibiotic-resistance mutations in  
mycobacterium tuberculosis

Attorney Docket No.: VGEN.P-055

Group Art Unit: 1637

Examiner: S. Chunduru

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JUN 04 2003

**GROUP 1600**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

RESPONSE AFTER FINAL

Dear Sir:

Responsive to the Official Action mailed February 3, 2003 for the above-captioned application, please make the following amendments:

07/24/2003 TJOHNS04 00000001 09786105

I hereby certify that this paper and any attachments named herein are transmitted to the United States Patent and Trademark Office, Fax number: 703-872-9307 ~~on or before~~ June 3, 2003.

110.00 op

Marina T. Larson  
Marina T. Larson, PTO Reg. No. 32,038

June 3, 2003  
Date of Signature